IN THE CLAIMS

The following is a complete listing of the claims, and replaces all earlier versions and listings.

1.   (original) A method of presenting to a user a visual representation of a frame resident at a central office of a telecommunications system, the method comprising:

accessing a database including data as to a current condition of the frame;

displaying, based on the accessed data, a graphical representation of the frame, the graphical representation including a visual indication of the current condition of the frame; and

allowing a user to interface with the graphical representation to effect a mapping between the frame and telecommunications lines leading to and from the frame.

2.   (original) A method according to claim 1, wherein the displaying step displays the graphical representation of the frame in response to the user specifying a particular frame from a particular central office in the telecommunications system.

3.   (original) A method according to claim 2, wherein the frame is made up of constituent blocks and the displaying step may display a particular block from a specified frame in response to the user's entry of coordinates for the block.

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4.   (original) A method according to claim 1, wherein the allowing step

further allows the user to modify attributes of the selected frame.

5.   (original) A method according to claim 1, wherein the graphical

representation of the frame displayed at the displaying step includes a first Web page showing a

frame of a selected central office laid out as a matrix of constituent blocks.

6.   (original) A method according to claim 5, wherein the graphical

representation of the frame displayed at the displaying step includes a second Web page showing

available pins on any block in the matrix, and allows the user to search for a block having a

number of available pins entered by the user.

7.   (original) A method according to claim 6, wherein the allowing step

allows the user to assign a jumper from a port on a switching card to an available pin and/or

assign a jumper from an available pin to an outside plant feeder.

8.   (original) A method according to claim 1, further comprising the step of

allowing the user to add a new frame at a selected central office of the telecommunications

system.

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9.   (original) A method according to claim 8, wherein the user can specify a

number of modules, shelves, and blocks per shelf for an added new frame.

10.   (currently amended) A program storage device having computer-readable

code embedded therein Computer-code for a host computer on a network, the host computer

being operable to communicate with a client computer on the network and having access to a

database of information relating to the condition of frames located at telecommunications system

central offices, the code comprising:

code for processing requests from the client computer for information

relating to one or more frames;

code for initiating database interface code, the database interface code

retrieving the requested data from the database and formatting a graphical representation of a

current condition of the one or more frames in the request; and

code for communicating the formatted graphical representation of the one

or more frames to the client computer and for allowing a user of the client computer to interface

with the graphical representation to effect a mapping between the frame and telecommunications

lines leading to and from the frame.

11.   (currently amended) Computer code A program storage device according

to claim 10, wherein the code further comprises the database interface code, and the database

interface code comprises a common gateway interface (CGI) application.

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12.   (currently amended) ~~Computer code~~ A program storage device according to claim 10, wherein the code further comprises the database interface code, and the database interface code comprises a Java servlet.

13.   (currently amended) ~~Computer code~~ A program storage device according to claim 10, wherein the graphical representation of the frame is generated in response to the user specifying a particular frame from a particular central office in the telecommunications system.

14.   (currently amended) ~~Computer code~~ A program storage device according to claim 13, wherein the frame is made up of constituent blocks and the graphical representation of the frame may show a particular block from a specified frame in response to the user's entry of coordinates for the block.

15.   (currently amended) ~~Computer code~~ A program storage device according to claim 10, wherein the code for communicating further allows the user to modify attributes of the selected frame.

16.   (currently amended) ~~Computer code~~ A program storage device according to claim 10, wherein the graphical representation of the frame includes a first Web page showing a frame of a selected central office laid out as a matrix of constituent blocks.

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17.   (currently amended) ~~Computer code~~ A program storage device according to claim 16, wherein the graphical representation of the frame includes a second Web page showing available pins on any block in the matrix, and allowing the user to search for a block having a number of available pins entered by the user.

18.   (currently amended) ~~Computer code~~ A program storage device according to claim 17, wherein the code for communicating allows the user to assign a jumper from a port on a switching card to an available pin and/or assign a jumper from an available pin to an outside plant feeder.

19.   (currently amended) ~~Computer code~~ A program storage device according to claim 10, further comprising code for allowing the user to add a new frame at a selected central office of the telecommunications system.

20.   (currently amended) ~~Computer code~~ A program storage device according to claim 19, wherein the user can specify a number of modules, shelves, and blocks per shelf for an added new frame.

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21.   (original) A server computer on a network, the server computer having

access to a database of information relating to the condition of frames located at

telecommunications central offices, the server computer being operable to:

communicate with a client computer on the network;

process requests from the client computer for information relating to one

or more frames;

initiate database interface code, the database interface code retrieving the

requested data from the database and format a graphical representation of a current condition of

the one or more frames in the request; and

communicate the formatted graphical representation of the one or more

frames to the client computer and allow a user of the client computer to interface with the

graphical representation to effect a mapping between the frame and telecommunications lines

leading to and from the frame.

22.   (original) A server according to claim 21, wherein the database interface

code comprises a common gateway interface (CGI) application.

23.   (original) A server according to claim 21, wherein the database interface

code comprises a Java servlet.

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24.   (original) A server according to claim 21, wherein the graphical representation of the frame is generated in response to the user specifying a particular frame from a particular central office in the telecommunications system.

25.   (original) A server according to claim 24, wherein the frame is made up of constituent blocks and the graphical representation of the frame shows a particular block from a specified frame in response to the user's entry of coordinates for the block.

26.   (original) A server according to claim 21, wherein the server is further operable to allow the user to modify attributes of the selected frame.

27.   (original) A server according to claim 21, wherein the graphical representation of the frame includes a first Web page showing a frame of a selected central office laid out as a matrix of constituent blocks.

28.   (original) A server according to claim 27, wherein the graphical representation of the frame includes a second Web page showing available pins on any block in the matrix, and allowing the user to search for a block having a number of available pins entered by the user.

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29.   (original) A server according to claim 28, wherein the server is operable

to allow the user to assign a jumper from a port on a switching card to an available pin and/or

assign a jumper from an available pin to an outside plant feeder.

30.   (original) A server according to claim 21, the server further being

operable to allow the user to add a new frame at a selected central office of the

telecommunications system.

31.   (original) A server according to claim 30, wherein the user can specify a

number of modules, shelves, and blocks per shelf for an added new frame.

32.   (original) Computer code running on a client computer on a network, the

code comprising:

code for communicating with a server on the network, the server having

access to a database of information relating to the condition of frames located at

telecommunications central offices;

code for sending requests to the server for information relating to one or

more frames, the requests causing the server to initiate execution of database interface code, the

database interface code retrieving the requested data from the database and formatting a graphical

representation of a current condition of the one or more frames in the request;

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code for receiving the formatted graphical representation of the one or

more frames from the server, the received graphical representation allowing a user of the client

computer to interface with the graphical representation to effect a mapping between the frame

and telecommunications lines leading to and from the frame.

33.   (original) Computer code according to claim 32, wherein the graphical

representation of the frame includes a first Web page showing a frame of a selected central office

laid out as a matrix of constituent blocks.

34.   (original) Computer code according to claim 33, wherein the graphical

representation of the frame includes a second Web page showing available pins on any block in

the matrix, and allowing the user to search for a block having a number of available pins entered

by the user.

35.   (original) Computer code according to claim 34, wherein the received

graphical representation allows the user to assign a jumper from a port on a switching card to an

available pin and/or assign a jumper from an available pin to an outside plant feeder.

36.   (original) Computer code according to claim 32, wherein the received

graphical representation allows the user to add a new frame at a selected central office of the

telecommunications system.

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37.   (original) Computer code according to claim 36, wherein the user can specify a number of modules, shelves, and blocks per shelf for an added new frame.

38.   (original) An apparatus for presenting to a user a visual representation of a frame resident at a central office of a telecommunications system, the apparatus comprising:

means for accessing a database including data as to a current condition of the frame;

means for displaying, based on the accessed data, a graphical representation of the frame, the graphical representation including a visual indication of the current condition of the frame; and

means for allowing a user to interface with the graphical representation to effect a mapping between the frame and telecommunications lines leading to and from the frame.

39.   (original) An apparatus according to claim 38, wherein the displaying step displays the graphical representation of the frame in response to the user specifying a particular frame from a particular central office in the telecommunications system.

40.   (original) An apparatus according to claim 39, wherein the frame is made up of constituent blocks and the means for displaying may display a particular block from a specified frame in response to the user's entry of coordinates for the block.

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41.   (original) An apparatus according to claim 38, wherein the means for allowing is further operable to allow the user to modify attributes of the selected frame.

42.   (original) An apparatus according to claim 38, wherein the graphical representation of the frame displayed by the means for displaying includes a first Web page showing a frame of a selected central office laid out as a matrix of constituent blocks.

43.   (original) An apparatus according to claim 42, wherein the graphical representation of the frame displayed by the means for displaying includes a second Web page showing available pins on any block in the matrix, and allows the user to search for a block having a number of available pins entered by the user.

44.   (original) An apparatus according to claim 43, wherein the means for allowing allows the user to assign a jumper from a port on a switching card to an available pin and/or assign a jumper from an available pin to an outside plant feeder.

45.   (original) An apparatus according to claim 38, further comprising means for allowing the user to add a new frame at a selected central office of the telecommunications system.

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46.   (original) An apparatus according to claim 45, wherein the user can

specify a number of modules, shelves, and blocks per shelf for an added new frame.

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